

Attorney Docket No. _____

**Declaration and Power of Attorney
For Patent Application
(Sole/Joint)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought, on the invention entitled Isolated osteocalcin fragments

the specification of which (*Check One*)

_____ is attached hereto.

was filed on 24 June 1998 as
[] Application Serial No. _____
 International Application No. PCT/ FI98/00550
and was amended on 30 August 1999.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

			Priority Claimed	
<u>973371</u> (Number)	<u>Finland</u> (Country)	<u>15 August 1997</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes:	<input type="checkbox"/> No:
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes:	<input type="checkbox"/> No:
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes:	<input type="checkbox"/> No:

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose

material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

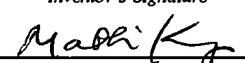
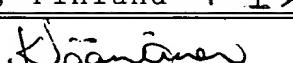
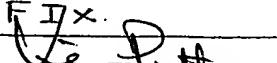
(Application Serial No.)	(Filing Date)	(Status)
(Application Serial No.)	(Filing Date)	(Status)

I or we hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to ROTHWELL, FIGG, ERNST & KURZ, P.C., 555 13th Street, N.W., Washington, D.C. 20004

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cont.

G. Franklin Rothwell, Reg. No. 18,125 Michael G. Sullivan, Reg. No. 35,377
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Celine Jimenez Crowson, Reg. No. 40,357 Michael J. Donnelly, Reg. No. 38,126
Joseph A. Hynds, Reg. No. 34,627 Minaksi Bhatt, Reg. No. 35,447

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1 - 00	Full Name of Sole or First Inventor <u>Jukka Hellman</u>	Inventor's Signature 	Date 21.12.1999
2 - 00	Residence Amiraalistonkatu 5 C 12	Citizenship Finnish	
2 - 00	Post Office Address FIN-20100 Turku, Finland FIX		
3 - 00	Full Name of Second Joint Inventor, if any <u>Sanna-Maria Käkönen</u>	Inventor's Signature 	Date 21.12.1999
3 - 00	Residence Murtomaantie 39	Citizenship Finnish	
3 - 00	Post Office Address FIN-20300 Turku, Finland FIX		
4 - 00	Full Name of Third Joint Inventor, if any <u>Matti Karp</u>	Inventor's Signature 	Date 20.12.1999
4 - 00	Residence Kampakatu 1	Citizenship Finnish	
4 - 00	Post Office Address FIN-20660 Littoinen, Finland FIX		
5 - 00	Full Name of Fourth Joint Inventor, if any <u>Timo Lövgren</u>	Inventor's Signature 	Date 21.12.1999
5 - 00	Residence Yliopistonkatu 2 H 155	Citizenship Finnish	
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6 - 00	H. Kalervo Vääränen Kannuskatu 3 J 143 FIN-20880 Turku, Finland FIX	Inventor's Signature 	Patent Application Declaration 22 Dec 1999 page 2 of 2 Finnish citizen
6 - 00	Kim Pettersson Tiilentekijäkatu 14 E 20, FIN-20810 Turku, Finland FIX	Inventor's Signature 	20.12.1999 Finnish citizen

2328-115
JLI:ch

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Jukka HELLMAN et al.) U.S. National Phase
Serial No. (to be assigned)) PCT/FI98/00550
Filed: 07 January 2000) Intl. Filing Date: 24.06.1998
For: ISOLATED OSTEOCALCIN)
FRAGMENTS)

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please recognize the following individuals as associate attorneys in the above application, filed concurrently herewith.

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Respectfully submitted,

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Dated: 18 January 2000
2328-115usn.apa

SMALL ENTITY DECLARATION

1. Jukka HELLMAN 2. Sanna-Maria KÄKÖNEN 3. Matti KARP
APPLICANT OR PATENTEE 4. Timo LÖVGREN 5. H. Kalervo VÄÄNÄNEN 6. Kim PETTERSSON

SERIAL NO. _____ □ PATENT NO. _____ DOCKET NO. _____

(Check one

of blocks 1. FILED OR ISSUED _____

1 or 2) 2. SUBMITTED HEREWITH _____

FOR Isolated osteocalcin fragments
(Insert Title)

I(we) hereby declare that I(we) am(are) entitled to the benefit of small entity status with respect to the above-identified application or patent for purposes of paying reduced fees under 35 USC 41(a) & (b) to the U.S. Patent and Trademark Office.

A. INDEPENDENT INVENTOR

I(we) qualify as (an) independent inventor(s) as defined in 37 CFR 1.9(c).

B. INDIVIDUAL NON-INVENTOR

I would qualify as an independent inventor as defined in 37 CFR 1.9(c) if I had made the invention.

C. SMALL BUSINESS CONCERN

I am THE OWNER AN OFFICIAL of the small business concern identified below and am empowered to act on behalf of the concern. The concern qualifies under 37 CFR 1.9(d) and 13 CFR 121.1301-1305. Rights under contract or law have been conveyed to and remain with the concern and are exclusive unless a checkmark is placed here . All other rights belong to small entities as defined in 37 CFR 1.9.

D. NON-PROFIT ORGANIZATION

I am an official am empowered to act on behalf of the non-profit organization identified below. The organization qualifies under 37 CFR 1.9(e), sub section: (1) (2) (3) (4). Rights under contract or law have been conveyed to and remain with the organization and are exclusive unless a checkmark is placed here . All other rights belong to small entities as defined in 37 CFR 1.9.

I(we) acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I(we) declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

A. INDEPENDENT INVENTOR(S)

Jukka Hellman

21.12.1999

Name

Signature

Date

Sanna-Maria Käkönen

21.12.1999

Name

Signature

Date

Matti Karp

1999-12-20

Name

Signature

Date

Timo Lövgren

21.12.1999

Kalervo Väänänen

22.12.1999

Kim Pettersson

20.12.1999